

**IN THE ABSTRACT**

Replace the abstract originally provided on the cover sheet of the PCT application with the following new abstract. A new abstract numbered page 16 is enclosed for the last page of the application following the claims.

**ABSTRACT OF THE DISCLOSURE**

A random number generator uses the output of a true random generator to alter the behavior of a pseudo-random number generator. The alteration is performed by a mixing logic that builds a random seed for the pseudo-random number generator and includes a generator of an alteration signal, the generation of which exploits the random instant of arrival of the bits outgoing from the true random generator. The alteration signal is obtained by processing the seed by means of the pseudo-random sequence.